

IN THE SPECIFICATION

Please amend the paragraph beginning at page 5, line 33, as follows:

None of the mentioned publications describes crosslinked polyurethanes based on polytetrahydrofurans ~~as in claim 1~~ of the present invention.

Please amend the paragraph beginning at page 23, line 11, as follows:

A preferred hair-treatment composition comprises:

- a) 0.5 to 20% by weight of at least one crosslinked polyurethane ~~as claimed in claim 1~~ of the present invention,
- b) 40 to 99% by weight, preferably 50 to 98% by weight, of a solvent chosen from water and water-miscible solvents, preferably C2- to C5-alcohols, in particular ethanol, and mixtures thereof,
- c) 0 to 50% by weight of a propellant, preferably dimethyl ether,
- d) 0 to 15% by weight of at least one water-soluble or –dispersible hair polymer different from a),
- e) 0 to 0.2% by weight of at least one water-insoluble silicone,
- f) 0 to 2% by weight of at least one nonionic, siloxane-containing, water-soluble or –dispersible polymer.

Please delete the heading at page 25, line 25.

Please amend the paragraph beginning at page 25, line 27, as follows:

In a reaction vessel equipped with stirrer, dropping funnel, thermometer, reflux condenser and equipment for working under nitrogen, 500 g [0.5 mol] of polytetrahydrofuran (Mn = 1000 g/mol), 26.8 (0.2 mol) of trimethylolpropane (TMP), ~~201 g (1.5 mol) [lacuna]~~, 228 g (2.2 mol) of neopentyl glycol (NPG) and 268 g (2 mol) of dimethylolpropanoic acid

(DMPA) were dissolved in 370 g of methyl ethyl ketone with heating to a temperature of 80_C and with stirring. As soon as everything had dissolved, the reaction mixture was cooled to about 50_C. Then, with stirring, a mixture of 588 g (3.5 mol) of hexamethylene diisocyanate and 333 g (1.5 mol) of isophorone diisocyanate were added dropwise, during which the reaction temperature increased. Under reflux, the reaction mixture was then stirred until the NCO content of the mixture remained virtually constant. The mixture was then cooled to RT. The reaction product was terminated and 90% neutralized with 161.3 g (1.8 mol) of 2-amino-2-methyl-1-propanol (AMP)/water at a temperature of about 40_C. The solvent was then distilled off under reduced pressure at 40_C, giving an aqueous dispersion. Pulverulent polyurethanes can be obtained by spray drying.